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FOLDER # 700-0502  
10/71



WANG

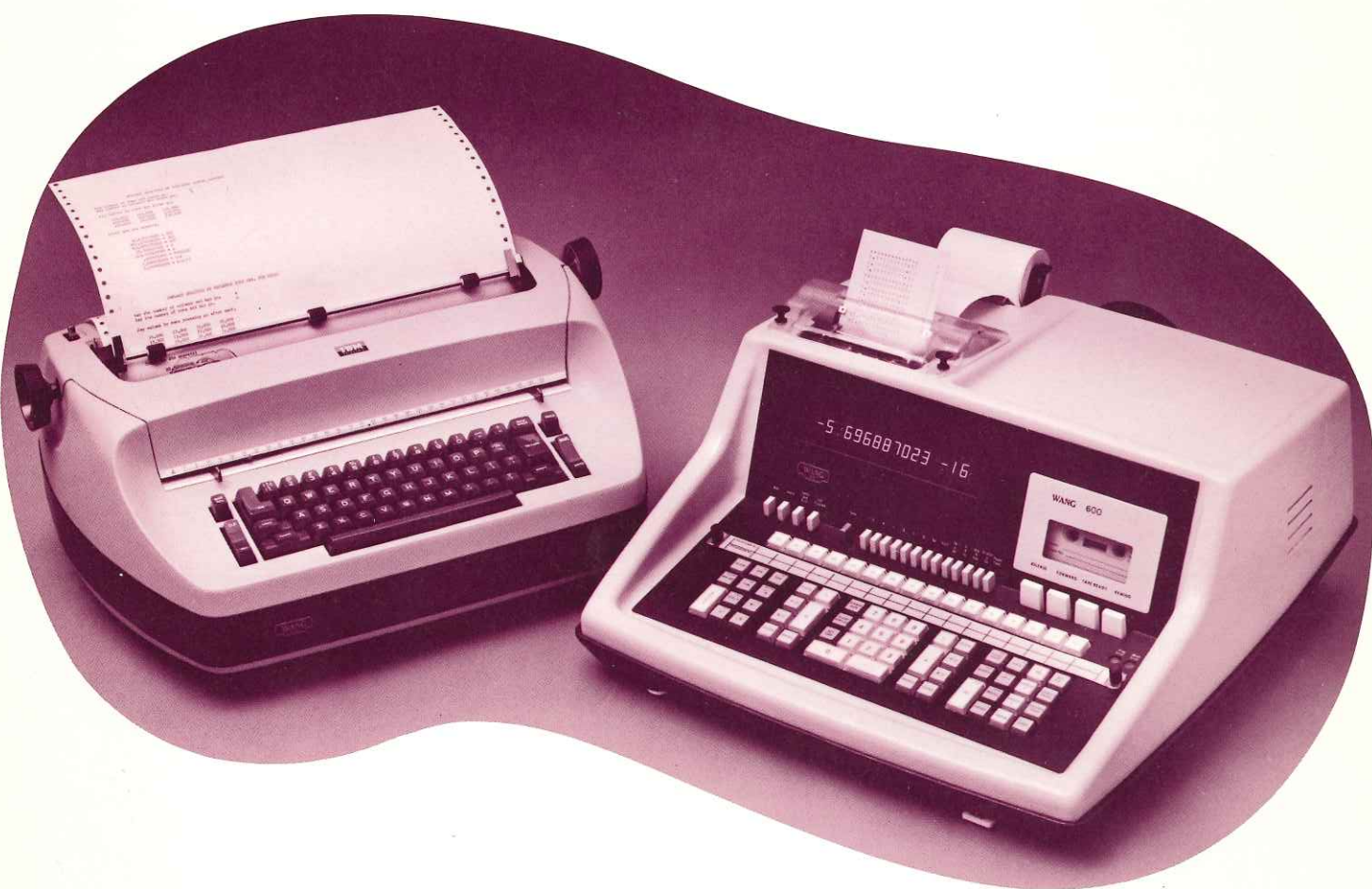
**600 SERIES**

**The Custom-tailored Calculator**



# 600

**an economical powerhouse  
you can tailor to fit  
your own requirements**



A fully-formatted alpha/numeric output writer — just one of the many peripherals available in the 600 Series.





Cassette programming, an option for the Wang 600, utilizes magnetic tape cassettes to provide safe, convenient, and economical program storage.

Also optional is a drum printer with alphabetic labelling, especially useful to those who require printed records.

- The Wang 600 can be expanded — by adding a printer, plotters, typewriters, interfaces, card readers and tape readers, expanded memory, and a tape system — right in your office. You never outgrow a “600” and you don’t have to give it up — even for a day — to have it expanded.
- The Wang 600 is only one part of the largest line of electronic calculators manufactured in the United States.
- Every Wang 600 is backed by a factory-direct sales and service organization guaranteeing that — within hours after you call — Wang will be there.
- All Wang equipment has the shortest payoff period in the industry because it does so much for you.

# 600

The 600’s storage registers can be programmed to perform special functions — without giving up storage capacity.

Every arithmetical function can be performed directly in each storage register, thereby reducing data manipulation.

Printer controls (optional).

To write or execute a program with the 600, simply set the machine in LEARN or RUN mode and depress the appropriate keys.

Whether you operate in either decimal or scientific notation, the 600 assures you of 10-digit accuracy.

To convert from radians to degrees, or vice versa, just press a single key.

Printer controls (optional).

Different constants are required for each specialty. 16 registers are on tap for storing constants, intermediate answers, and figures which will be needed for later entry.

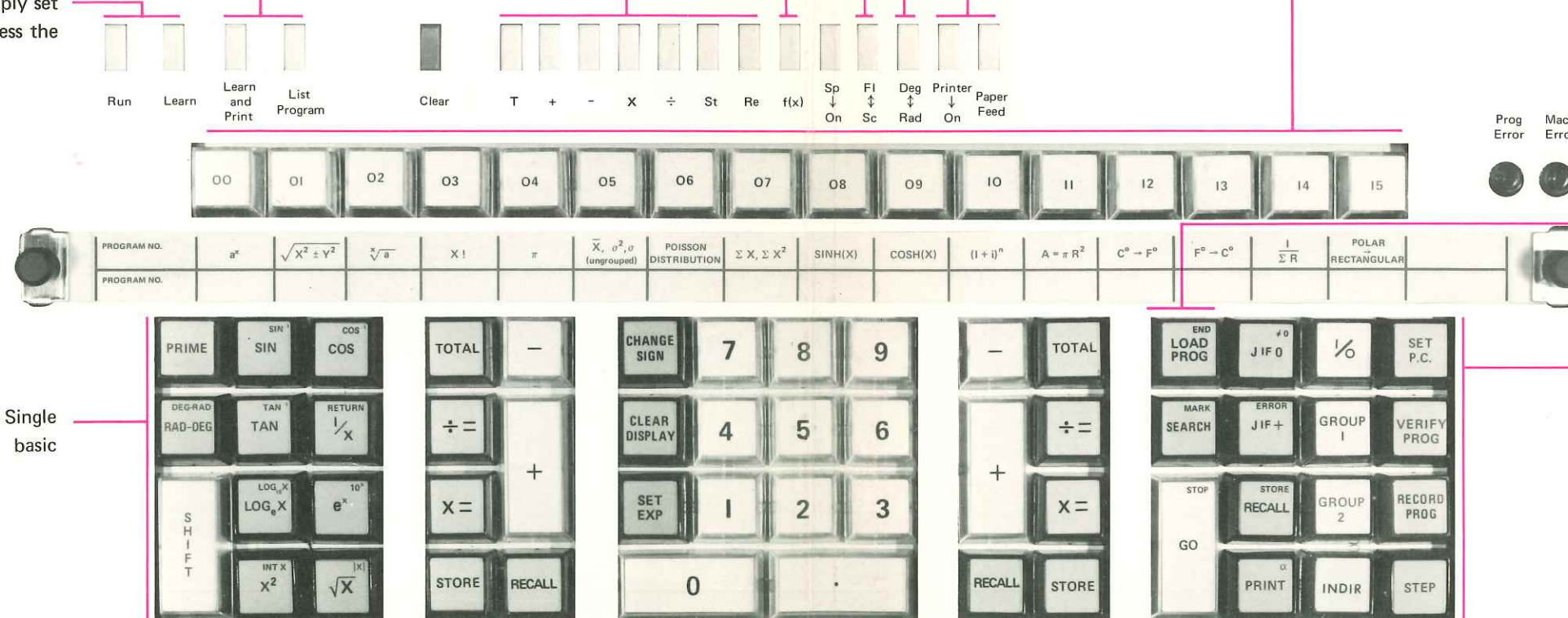
The 600 allows you to address registers with a single keystroke. Data manipulation is reduced by 50%.

A 600 can be custom-tailored to fit your programming requirements. With the cassette option, you can execute 16,000 program steps in a calculator the size of a typewriter.

Complicated problems are solved without complex programming. A single keystroke executes true computer operations: decisions; branching; looping; subroutines.

All of these programmable commands control the operation of peripheral devices. With the addition of peripherals, the 600 can be expanded to become a true pacesetter in performance per dollar.

To eliminate the need for a scratch pad, the 600 features a second calculator. Very convenient for side calculations.



Electronic slide rule and trigonometry table. Single keystrokes produce instant answers for most basic problems.

A complete electronic calculator for your main calculations.

A standard ten-key keyboard makes data entry easy.



Thanks to a variety of peripherals, you can tailor the Wang 600 to suit your present performance needs. Like all Wang products, the 600 is field-expandable, with factory-direct sales and service.

## MODELS

	Keyboard Registers	No. of Steps/Registers	Total Registers
600-2	16	312/39	55
600-6	16	824/103	119
600-14	16	1848/231	247

## OPTIONS

Automatic Drum Printer with Alpha Labelling  
Tape Cassette Programmer

## PERIPHERALS

- |                                   |   |
|-----------------------------------|---|
| <b>601 Output Writer</b>          | The only fully-formatted alpha-numeric IBM Selectric® output typewriter in its price range.   |
| <b>602 Plotter</b>                | A plotter with the capability of producing formatted alpha-numeric output. It not only plots a graph but even labels points.  |
| <b>603 Paper Tape Editor</b>      | With the Tape Editor, data is inputted automatically, off-line. It proves especially useful in any research application when used in conjunction with analytical instruments and where great speed and accuracy are desired using many data points. |
| <b>604 Card Reader</b>            | The Card Reader enables you to write programs without tying up your keyboard.   |
| <b>605 Micro Face</b>             | The Micro Face is an interface which may be hooked directly on-line to any piece of analytical equipment. This makes the 600 the lowest cost on-line system.  |
| <b>611 Input/Output Writer</b>    | The 611 provides both an output writer and a convenient method of entering alphabetic program information.  |
| <b>612 Analog Plotter</b>         | This is a flatbed plotter which quietly and quickly provides a continuous line plot with alphabetic labelling.  |
| <b>614 Mark/Sense Card Reader</b> | The Mark/Sense Card Reader allows data and program preparation without tying up the central processing unit — very convenient for remote location users.  |



## SPECIFICATIONS

### Dimensions

*Compact desktop unit*

### Weight

*light enough to move easily;*

### Power

*plugs into standard*

*power outlets*

**Memory** (3 models) 55 storage registers or 312 program steps  
119 storage registers or 824 program steps  
247 storage registers or 1,848 program steps

*Storage registers may be exchanged for program steps to provide maximum problem-solving efficiency.*

**Storage** All registers have single-keystroke operations. Operations include: store, recall, +, -, X, ÷, total and interchange (with display).

*For greatest convenience, and fewest possible number of steps, a "600" eliminates data manipulation by enabling arithmetic functions to be performed on stored numbers in one step.*

**Programming** Method: Entered by pressing keys in correct sequence or, optionally, by loading from a magnetic tape cassette. Automatic storing and loading of data on tape are standard features on all magnetic tape cassette models. Indirect Addressing allows adding, subtracting, multiplying, dividing, and also the storing, recalling and totalling of data in all registers. Trace Mode: This feature instructs the optional printer to print the contents of the display as well as the operation while executing a program. Other programming aids include INSERT, DELETE, BACKSTEP, and SEARCH A MARK AND STOP ensuring program debugging efficiency.

*Greatest possible simplicity for writing, storing and entering programs.*

**Capacity** 312, 824, or 1,848 steps depending on memory size. Additional steps may be entered from (optional) magnetic tape producing maximum of 16,000 consecutive steps.

*A "600" has a flexible programming capacity that may be increased at any time by adding memory and/or tape. Thus you purchase only the programming capacity you require. A "600" is practical for either small or large program requirements.*

**Branching:** Unconditional — a SEARCH statement causes the "600" to branch to the corresponding MARK location in the program. SEARCH and RETURN commands allow execution of subroutines. Conditional — a "600" can be programmed to branch if number in display is 0, not 0, or +.

*A "600" is capable of true computer decisions, loops, branches, and subroutines. Nine decision commands are available with 255 subroutines for greater programming flexibility. This allows computer power in a desktop calculator for engineers. Subroutines conserve program steps and allow execution of such problems as best-fit of data.*

### Options

*All options may be added at any time in your office. Since many people need greater program capacity, storage and permanent legal records of their work, these features were designed as options. This allows a "600" to take one of 12 separate configurations and to expand with your requirements.*

# WANG

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